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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the above date

By Michelle Chan
Michelle Chan**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appln. No.	:	To Be Assigned	Confirmation No.:
Applicant	:	Calvin Y.H. Chow	
Filed	:	Herewith	
TC/A.U.	:	3753	
Examiner	:	A. Michael Chambers	
Docket No.	:	100/02050	
Customer No.	:	021569	
Title	:	Multi-Layer Microfluidic Devices	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

The references cited on the attached form PTO-1449 are being called to the attention of the Examiner. This application continuation of U.S. Patent Application No. 10/265,202, filed October 3, 2002, which is a continuation of U.S. Patent Application No. 09/877,222, filed June 8, 2001, now U.S. Pat. 6,494,230, which is a continuation of U.S. Patent Application No. 09/679,479, filed October 4, 2000, now U.S. Pat. 6,321,791, which is a continuation of U.S. Patent Application No. 09/231,209, filed January 14, 1999, now U.S. Pat. 6,167,910, which claims priority from U.S. Provisional Patent Application No. 60/072,001, filed January 20, 1998. All references cited in the attached form 1449 have been previously cited in the parent applications. Copies of documents are therefore not being provided pursuant to 37

Appl. No. To Be Assigned
Calvin Y.H. Chow


CFR §1.98(d). If copies of the references are not available to the Examiner, the Examiner is invited to contact the undersigned.

It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is made that a search has been conducted or that this statement encompasses all possible relevant information.

Applicants believe that no fee is required for submission of this statement, since it is being submitted within three months of the filing date or prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to charge such fee to Deposit Account No. 03-0177. Please charge any additional fees or credit any overpayment to the above-noted deposit account.

Respectfully submitted,



Andrew L. Filler
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Substitute for form 1449A-B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>	Complete if Known	
	Application Number	
	Filing Date	Herewith
	First Named Inventor	Chow
	Group Art Unit	
	Examiner Name	
Attorney Docket Number		100/02050

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
		Number	Kind Code (if known)			
	AA	3,468,331		O'Neal	09-23-1969	
	AB	3,495,604		Trask	02-17-1970	
	AC	3,495,608		O'Keefe	02-17-1970	
	AD	3,528,445		Shinn et al.	09-15-1970	
	AE	3,534,757		Doherty	10-20-1970	
	AF	3,548,849		Purcell	12-22-1970	
	AG	3,568,692		Metzger et al.	03-09-1971	
	AH	3,587,614		Burke	06-28-1971	
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	AJ	3,658,088		Jensen et al.	04-25-1972	
	AK	3,731,700		Cohen	05-08-1973	
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	AM	3,811,474		Bauer et al.	05-21-1974	
	AN	3,942,558		Honda	03-09-1976	
	AO	4,390,403		Batchelder	06-28-1983	
	AP	4,606,375		Hockaday	08-19-1986	
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	AT	4,908,112		Pace	03-13-1990	
	AU	4,949,755		Thurston et al.	08-21-1990	
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	AY	5,571,410		Swedberg et al.	11-05-1996	
	AZ	5,585,069		Zanzucchi et al.	12-17-1996	
	BA	5,593,838		Zanzucchi et al.	01-14-1997	
Examiner Signature				Date Considered		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	Application Number	
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	Examiner Name	
	Attorney Docket Number	100/02050

	BB	5,603,351		Cherukuri et al.	02-18-1997	
	BC	5,635,358		Wilding et al.	06-03-1997	
	BD	5,637,469		Wilding et al.	06-10-1997	
	BE	5,681,484		Zanzucchi et al.	10-28-1997	
	BF	5,699,157		Parce	12-16-1997	
	BG	5,750,015		Soane et al.	05-12-1998	
	BH	5,779,868		Parce et al.	07-14-1998	
	BI	5,800,690		Chow et al.	09-01-1998	
	BJ	5,842,787		Kopf-Sill et al.	12-01-1998	
	BK	5,852,495		Parce	12-22-1998	
	BL	5,869,004		Parce et al.	02-09-1999	
	BM	5,876,675		Kennedy	03-02-1999	
	BN	5,880,071		Parce et al.	03-09-1999	
	BO	5,885,470		Parce et al.	03-23-1999	

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages; Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				
	BP	WO	9604547		Lockheed Martin	02-15-1996		
	BQ	WO	9702357		Affymetrix, Inc.	01-23-1997		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T
	BR	DASGUPTA, P.K. et al., "Electroosmosis: A Reliable Fluid Propulsion System for Flow Injection Analysis," Anal. Chem. 66:1792-1798 (1994)		
	BS	JACOBSON, S.C. et al., "Fused Quartz Substrates for Microchip Electrophoresis," Anal. Chem. 67:2059-2063 (1995)		
	BT	MANZ, A. et al., "Electroosmotic pumping and electrophoretic separations for miniaturized chemical analysis systems," J. Micromech. Microeng. 4:257-265 (1994)		
	BU	RAMSEY, J.M. et al., "Microfabricated chemical measurement systems," Nature Med. 1:1093-1096 (1995)		

Examiner Signature		Date Considered	
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	Filing Date	Herewith
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	Group Art Unit	
	Examiner Name	
	Attorney Docket Number	100/02050

	BV	SEILER, K. et al., "Planar Glass Chips for Capillary Electrophoresis: Repetitive Sample Injection, Quantitation, and Separation Efficiency," Anal. Chem. 65:1481-1488 (1993)	
	BW	SEILER, K. et al., "Electroosmotic Pumping and Valveless Control of Fluid Flow Within a Manifold of Capillaries on a Glass Chip," Anal. Chem. 66:3485-3491 (1994)	

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